



Attorney Docket No.: 10278-017001

03CO/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Peter Francis Daniel et al. Art Unit : Unknown
Serial No. : 09/641,471 Examiner : Unknown
Filed : August 18, 2000
Title : HIGH MANNOSE PROTEINS AND METHODS OF MAKING HIGH
MANNOSE PROTEINS

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the Claims:

Please cancel claims 1-80 without prejudice and add the following new claims 105-183
as follows:

A1
Sub B3
~~105. A method of producing a high mannose glucocerebrosidase (hmGCB),
comprising:
providing a cell which is capable of expressing glucocerebrosidase (GCB);
contacting the cell with kifunensine such that the removal of at least one mannose residue
distal to the pentasaccharide core of the precursor oligosaccharide of GCB is prevented; and
allowing the cell to produce hmGCB, to thereby produce an hmGCB preparation.~~

106. The method of claim 105, wherein removal of one or more α 1,2 mannose
residue(s) distal to the pentasaccharide core is prevented.

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